



SIBSH-40100S-UVT4G

4MP ColorVu Solar-powered Security PT Camera. High quality imaging with 4 MP resolution. Standalone with solar panel and built-in battery. 24/7 colorful imaging. Efficient H.265+ compression technology. Provide real-time security via built-in two-way audio. Support 4G (LTE-TDD/LTE-FDD/TD-SCDMA) communication. BLC, HLC, 3D-DNR.

Product features:

- High quality imaging with 4 MP resolution
- Standalone with solar panel and built-in battery
- 24/7 colorful imaging
- Efficient H.265+ compression technology
- Provide real-time security via built-in two-way audio
- Support 4G (LTE-TDD/LTE-FDD/TD-SCDMA) communication;

Specifications:

Camera

Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Max. Resolution	2688 x 1520
Shutter Time	1/3 ÷ 1/100,000 s;
Day & Night	24/7 color imaging
Angle Adjustment	Solar panel: pan: 0° ÷ 358°, tilt: -40° ÷ 0°; camera: pan: 0° ÷ 340°, tilt: -5° ÷ 105°

Lens

Lens Type	Fixed focal lens
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.7 m to ∞
Focal Length & FOV	4 mm, Horizontal FOV: 75°, Vertical FOV: 40°, Diagonal FOV: 89°
Lens Mount	M12

DORI

DORI	D: 82 m, O: 32 m, R: 16 m, I: 8 m
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Illuminator

Supplement Light Type	White Light
Supplement Light Range	Performance mode: up to 30 m, proactive mode: up to 10 m
Smart Supplement Light	Yes

Video

Main Stream	50 Hz: 12.5 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 15 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 12.5 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 15 fps (1280 × 720, 640 × 480, 640 × 360)
Video Compression	Main stream: H.265/ H.264 Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	H.264+ and H.265+: main stream supports under performance mode 32 to 8 kbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile

Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream
Scalable Video Coding (SVC)	H.264 and H.265 encoding

Audio

Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC/MP3
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)

Network

Security	Password protection, complicated password, basic and digest authentication for HTTP, TLS 1.1/1.2/1.3, WSSE and digest authentication for Open Network Video Interface
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, DHCP, DNS, RTP, RTSP, RTCP, NTP, IGMP, QoS, UDP
User/Host	Up to 32 users; 3 user levels: administrator, operator, and user
Network Storage	Auto Network Replenishment (ANR)
Client	CMS-MAZi, CTR-MAZi
Web Browser	Plug-in required live view: IE 10, IE 11, Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+

Mobile Communication

Uplink and Downlink Data Rate	Cat 4, uplink: 50 Mbps, downlink: 150 Mbps
SIM Card Type	Micro SIM
Frequency	<u>EU:</u> LTE-TDD: B38/B40/B41 LTE-FDD: B1/B3/B5/B7/B8/B20/B28 WCDMA: B1/B5/B8 GSM: B3/B5/B8 <u>LA:</u> LTE-TDD: B38/B40 LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B12/B17/B28/B66 WCDMA: B1/B2/B3/B4/B5/B8 GSM: B2/B3/B5/B8 <u>US:</u> LTE-FDD: B2/B4/B5/B12/B13/B17/B66/B71 WCDMA: B2/B4/B5 LTE-TDD, LTE-FDD, WCDMA, GSM
Standard	

Image

SNR	≥ 52 dB
Privacy Mask	4 programmable polygon privacy masks
Wide Dynamic Range (WDR)	120 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D-DNR
Image Setting	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser

Interface

Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in eMMC storage, up to 64 GB, Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 GB, For eMMC storage, 50 GB is available for recording
Built-in Microphone	Yes
Built-in Speaker	Yes
Reset Key	Yes

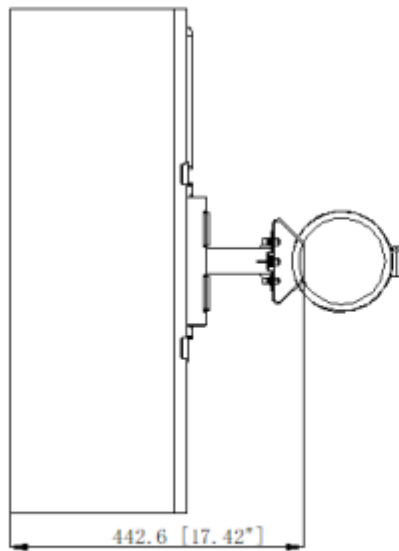
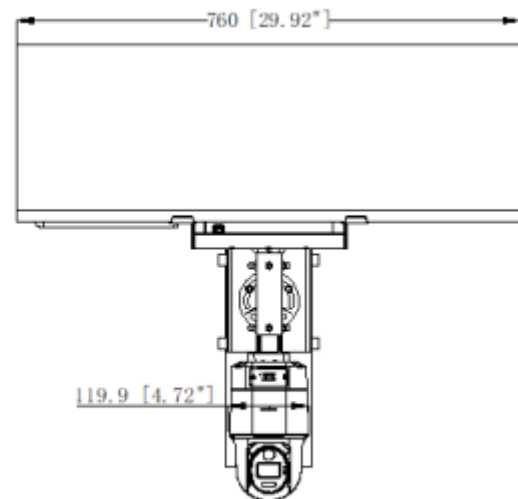
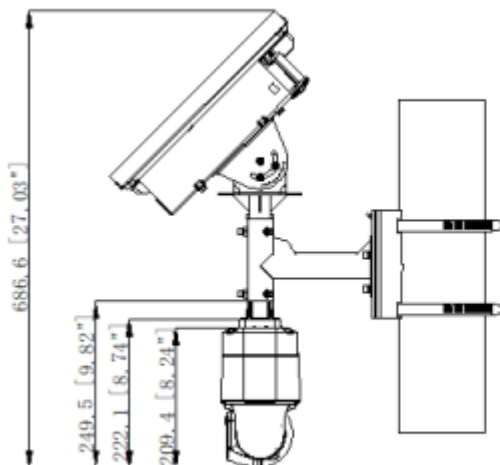
Event

Basic Event	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Linkage	Upload to NAS/memory card, notify surveillance center, trigger recording, trigger capture, audible warning

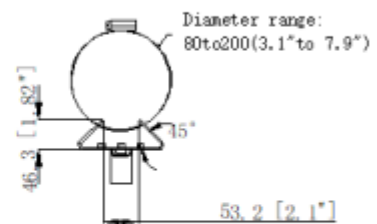
General

Power	<u>Power Consumption and Current:</u>
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	Typical power scenarios: 1.85 W (4G working); Standby scenarios: 40 mW; Max. power consumption: 6 W
	<u>Power Supply:</u> 12 VDC \pm 25%; *For debugging only; 40 W (deviation: \pm 2 W) Solar panels
	<u>Power Interface:</u> Power supply interface: \varnothing 5.5 mm coaxial power plug; Extended solar panel: four-core aviation connector Camera: Plastic, Solar panel: Metal
Material	
Storage Conditions	-20 °C \div +50 °C (-4 °F to 122 °F). Humidity 95% or less (non-condensing)
Language	33 languages: English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian
General Function	Heartbeat, mirror, flash log
Operating Conditions	-20 °C \div +50 °C (-4 °F to 122 °F). Humidity 95% or less (non-condensing)
Dimension	686.6 \times 442.6 \times 760 mm (27.03" \times 17.42" \times 29.9")
Package Dimension	902 \times 342 \times 440 mm (35.5" \times 13.5" \times 17.3")
Weight	Approx. 11.70 kg (25.8 lb.)
With Package Weight	Approx. 15.01 kg (33.1 lb.)
Battery	
Battery Type	Ternary Lithium
Capacity	8.4 Ah \times 2 packs
Max. Charging Voltage	12.6 V
Operating Temperature	Charging: -20 °C \div 45 °C (-4 °F \div 13 °F); Discharging: -20 °C \div 60 °C (-4 °F \div 140 °F)
Battery Voltage	9 \div 12.6 V
Cycle Lifetime	Performance mode: 3.6 days, Proactive mode: 6 days, Standby mode: 30 days
Battery Life	More than 500 cycles
Battery Weight	Approx. 1400 g (3.1 lb.)
Approval	
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN 50130-4: 2011 +A1: 2014, RCM: AS/NZS CISPR 32: 2015, IC: ICES-003: Issue 7 *IC certification is only for the device sold in the North American region. CE and RCM certifications are only for the device sold in the European region.
RF	IC ID (RSS-247(BT or 2.4G)), CE-RED: EN 301489-1 V2.1.1 (BT or 2.4G), EN 301489-17 V3.1.1 (BT or 2.4G), EN 300328 V2.1.1 (BT or 2.4G), EN 62311: 2008 (BT or 2.4G) *IC certification is only for the device sold in the North American region. CE certification is only for the device sold in the European region.
Safety	CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017, LOA: IEC/EN 60950-1 *CE and LOA certifications are only for the device sold in the European region.
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006 *CE certification is only for the device sold in the European region.
Protection	IP65: IEC60529-2013



Camera
Direction



Unit: mm